Name		Period
Skill 10.01 Exercise 1		
For each of the following	compounds, identify the number of	each type of atom
P <sub>2</sub> O <sub>5</sub>	,	
Ca(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub>	_	
Skill 10.02 Exercise 1		
	le of each of the following?	
(a) CH <sub>3</sub> OH		
(b) Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>		
(6) 243(1 34)2		
Skill 10.03 Exercise 1		
How much in moles is 36	0 a of water (U.O)?	
	.0 g of water (1120)?	
Conversion factor		
Given	Conversion	Asked to find (unknown)
How much in grams is 0.2	25 moles of carbon monoxide (CO)?	
	25 moles of carbon monoxide (CO).	
Conversion factor		
Given	Conversion	Asked to find (unknown)
GIVEN	Conversion	ASSECT TO THE (UIRHOWII)

Vame	e Period		
How much in grams is 3.0	11 x 10 <sup>23</sup> molecules of nitrogen dio	oxide (NO <sub>2</sub> )?	
Conversion factor			
G!			
Given	Conversion	Asked to find (unknown)	
How many molecules are t	he in 8.5 g of hydrogen peroxide (I	$H_2O_2$ ?	
Conversion factor			
Cirron	Communica	A sheed to find (surles sure)	
Given	Conversion	Asked to find (unknown)	
Skill 10.04 Exercise 1			
	sition of each element in copper (II	D sulfate, CuSO <sub>4</sub>	
Skill 10.05 Exercise 1			
A 2.43 g sample of magne	sium (Mg) was heated until it was a	all converted to magnesium oxide (MgO). The magnesium oxide	
of the final product was 4.0		gen (O) in magnesium oxide (MgO) based on the	
what is the percent compo lata?	strion of magnesium (wg) and oxy	gen (O) in magnesium oxide (MgO) based on the	
Skill 10.06			
		ructure. A copper (II) sulfate pentahydrate	
		e water is forced out of the structure. A sample	
vigs04•xH2O is allouler e 1.20 g.	xample of flydrate. A 2.46 g samp.	le of MgSO4•xH <sub>2</sub> O was heated to a final mass of	
	s, was in the original compound?		
W71	Access to the control of		
wnat is the percentage of v	water in the original compound?		

Chemistry	
Ticket Out the Door	
Set 10 Molar Mass and Con	npound

Name \_\_\_\_\_\_ Period \_\_\_\_\_